

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1        1. (Currently amended) A computer controlled method comprising:  
2              establishing communication between a wireless sensor and a provisioning  
3              device over at least one preferred channel, said wireless sensor configured to send a  
4              first commitment to said provisioning device over said at least one preferred channel  
5              and to receive a second commitment from said provisioning device over said at least  
6              one preferred channel;

7              receiving provisioning information from said provisioning device over said at  
8              least one preferred channel, wherein the provisioning information includes a  
9              credential and wherein the credential facilitates becoming a member of a secure  
10              credential infrastructure; and

11              automatically configuring said wireless sensor for transmitting sensor  
12              information over a secure communication channel responsive to said provisioning  
13              information.

1        2. (Original) The computer controlled method of claim 1, wherein said  
2              provisioning information comprises a credential.

1        3. (Original) The computer controlled method of claim 1, wherein said  
2              provisioning information further comprises one or more of patient data, limit data,  
3              alarm data, dosage data, interval data, access data, physician data, caregiver data, nurse  
4              data, insurance data or room assignment data.

1           4. (Original) The computer controlled method of claim 3, further comprising  
2 transmitting said sensor information over said secure communication channel.

1           5. (Original) The computer controlled method of claim 1, wherein said  
2 provisioning information further comprises one or more of sensitivity data, target data,  
3 image recognition data, or noise characteristics.

1           6. (Original) The computer controlled method of claim 1, wherein said  
2 wireless sensor senses one or more of medical information, location information,  
3 proximity information, environmental information, or vehicle information.

1           7. (Currently amended) A computer-readable storage medium storing  
2 instructions

3                 that when executed by a computer in a wireless sensor to cause the  
4 computer to perform a method comprising steps of:

5                 establishing communication between said wireless sensor and a provisioning  
6 device over at least one preferred channel, said wireless sensor configured to send a  
7 first commitment to said provisioning device over said at least one preferred channel  
8 and to receive a second commitment from said provisioning device over said at least  
9 one preferred channel;

10                 receiving provisioning information from said provisioning device over said at  
11 least one preferred channel, wherein the provisioning information includes a  
12 credential and wherein the credential facilitates becoming a member of a secure  
13 credential infrastructure; and

14                 automatically configuring said wireless sensor for transmitting sensor  
15 information over a secure communication channel responsive to said provisioning  
16 information.

1           8. (Original) The computer-readable storage medium of claim 7, wherein  
2        said provisioning information comprises a credential.

1           9. (Original) The computer-readable storage medium of claim 7, wherein said  
2        provisioning information further comprises one or more of patient data, limit data,  
3        alarm data, dosage data, interval data, access data, physician data, caregiver data, nurse  
4        data, insurance data or room assignment data.

1           10. (Original) The computer-readable storage medium of claim 9, further  
2        comprising transmitting said sensor information over said secure communication  
3        channel.

1           11. (Original) The computer-readable storage medium of claim 7, wherein said  
2        provisioning information further comprises one or more of sensitivity data, target data,  
3        image recognition data, or noise characteristics.

1           12. (Original) The computer-readable storage medium of claim 7, wherein said  
2        wireless sensor senses one or more of medical information, location information,  
3        proximity information, environmental information, or vehicle information.

1           13. (Currently amended) A wireless apparatus comprising:  
2           at least one port configured to establish at least one preferred channel;  
3           a preferred channel communication mechanism configured to be able to  
4        establish communication with a provisioning device over said at least one preferred  
5        channel the preferred channel communication mechanism further configured to be  
6        able to send a first commitment to said provisioning device over said at least one  
7        preferred channel and to be able to receive a second commitment from said  
8        provisioning device over said at least one preferred channel:

9           a receiver mechanism configured to be able to receive provisioning  
10      information from said provisioning device over said at least one preferred channel,  
11      wherein the provisioning information includes a credential and wherein the  
12      credential facilitates becoming a member of a secure credential infrastructure; and  
13           an automatic configuration mechanism to enable said wireless sensor to transmit  
14      sensor information over a secure communication channel established responsive to  
15      said provisioning information.

1           14. (Original) The apparatus of claim 13, wherein said provisioning  
2      information comprises a credential.

1           15. (Original) The apparatus of claim 13, wherein said provisioning  
2      information further comprises one or more of patient data, limit data, alarm data,  
3      dosage data, interval data, access data, physician data, caregiver data, nurse data,  
4      insurance data, room assignment data, sensitivity data, target data, image recognition  
5      data, activation data, or noise characteristics.

1           16. (Original) The apparatus of claim 15, further comprising a transmission  
2      mechanism configured to transmit said sensor information over said secure  
3      communication channel.

1           17. (Original) The apparatus of claim 13, wherein wireless apparatus further  
2      comprises a sensor for measuring said sensor information.

1           18. (Original) The apparatus of claim 13, wherein said wireless sensor senses  
2      one or more of medical information, location information, proximity information,  
3      environmental information, or vehicle information.

1           19. (Original) The apparatus of claim 13, wherein said sensor  
2 information is status information about the apparatus.

1           20. (Previously presented) The computer controlled method of claim 1,  
2 wherein said at least one preferred channel comprises a single preferred channel  
3 capable of communicating both from said wireless sensor to said provisioning device  
4 and from said provisioning device to said wireless sensor.

1           21. (Previously presented) The computer controlled method of claim 1,  
2 wherein said at least one preferred channel comprises a first preferred channel capable  
3 of communicating from said wireless sensor to said provisioning device and a second  
4 preferred channel capable of communicating from said provisioning device to said  
5 wireless sensor.

1           22. (Previously presented) The computer-readable storage medium of claim  
2 7, wherein said at least one preferred channel comprises a single preferred channel  
3 capable of communicating both from said wireless sensor to said provisioning device  
4 and from said provisioning device to said wireless sensor.

1           23. (Previously presented) The computer-readable storage medium of claim 7,  
2 wherein said at least one preferred channel comprises a first preferred channel capable  
3 of communicating from said wireless sensor to said provisioning device and a second  
4 preferred channel capable of communicating from said provisioning device to said  
5 wireless sensor.

1           24. (Previously presented) The apparatus of claim 13, wherein said at least one  
2 preferred channel

3           comprises a single preferred channel capable of communicating both from said  
4        wireless sensor to said provisioning device and from said provisioning device to said  
5        wireless sensor.

1           25. (Previously presented) The apparatus of claim 13, wherein said at least one  
2        preferred channel comprises a first preferred channel capable of communicating from  
3        said wireless sensor to said provisioning device and a second preferred channel  
4        capable of communicating from said provisioning device to said wireless sensor.